



Woven Geotextiles



RETECH GEOSYNTHETICS

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Discription: These are multifilament polypropylene woven geotextiles. The geotextiles are resistant to chemicals and micro-organisms normally found in soils. Retech Geotextile series are stable within pH range of 2 to 13 and are resistant to short-term to ultraviolet radiation.

Retech Woven Geotextiles meet following minimum average roll values:

Property		Test Method	Unit	RW-11	RW-12	RW-13
Tensile Strength	MD	IS 1969	kN/m	28.5	45	57
Tensile Strength	CD			26.5	34	42
Elongation	MD		%	30	30	30
Elongation	CD			27	27	27
Trapezoid Strength	MD	ASTM D4533	N	320	420	730
Trapezoid Strength	CD			320	480	520
Puncture Strength		ASTM D4833	(N)	350	480	620
Apparent Opening Size		ASTM D4751	mm	0.075	0.075	0.075
Water Permeability (Flow Rate)		ASTM D4491	l/m ² /s	9.5	10	9.5
Mass Per unit Area		ASTM D5261	gsm	140	200	240

MD: Machine Direction | CD: Cross Direction

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